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**PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Saleh, et al. : Art Unit: 2884  
Serial No. 10/502,024 : Examiner: C. Hannaher  
Filed: 2/17/2005 : Atty Dkt: 26202.230  
For: METHOD FOR ASSIGNING A PULSE RESPONSE TO ONE OF A PLURALITY OF PULSE TYPES WITH DIFFERENT DECAY TIMES AND DEVICE FOR CARRYING OUT SAID METHOD

**RESPONSE TO OFFICE COMMUNICATION AND  
SUBMISSION OF NEW DRAWINGS**

United States Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Dear Sir:

In response to the Office Communication mailed June 22, 2006, Applicants submit formal drawings in response to the Examiner's objection. Replacement Sheets for all figures 1-8 are attached hereto. Applicants have translated the legends in Figures 2-7. All numbers and characters are provided in computer generated font. No other changes to the figures have been made. No new matter has been added.

The Examiner also noted that no copies of the listed foreign patents were found. Accordingly, Applicant submits herewith a copy of DE 198 35 671 A1, and IEEE Transactions on Nuclear Science, Vol. XP-000873887, "Advantages Using Pulse Shape Discrimination...", 1999.

In light of the above, Applicant submits that the application is now in condition for allowance. It is believed that no fees are due with this submission. Should that determination be incorrect, then please debit Account No. 50-0548 and notify the undersigned.

Respectfully submitted,



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